

General

Title

HIV oral health services: percentage of HIV-infected oral health patients who had a periodontal screen or examination at least once in the measurement year.

Source(s)

Health Resources and Services Administration (HRSA). HAB HIV performance measures: oral health services. Rockville (MD): Health Resources and Services Administration (HRSA); 2009 Nov 23. 10 p.

Measure Domain

Primary Measure Domain

Clinical Quality Measures: Process

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the percentage of human immunodeficiency virus (HIV)-infected oral health patients who had a periodontal screen or examination at least once in the measurement year.

Rationale

Human immunodeficiency virus (HIV)-related morbidity and mortality has dropped dramatically due to advances in HIV/acquired immune deficiency syndrome (AIDS) treatment. But reductions are uneven across HIV-infected populations due to unequal access to care and variable quality of services provided. Quality management seeks to enhance the quality of HIV care provided and increase access to services. They do so by measuring how health and social services meet established professional standards and user expectations.

The American Academy of Periodontology *Parameter on Periodontitis Associated with Systemic Conditions* (2000) indicates that "some forms of periodontal disease may be more severe in individuals affected with

immune system disorders. Patients infected with HIV, may have especially severe forms of periodontal disease. The incidence of necrotizing periodontal diseases may increase with patients with AIDS."

Evidence for Rationale

American Academy of Periodontology. Parameter on periodontitis associated with systemic conditions. J Perinatol. 2000 May;7(5 Suppl):876-9.

Health Resources and Services Administration (HRSA). Deliver HIV/AIDS care: quality of care. [internet]. Rockville (MD): Health Resources and Services Administration (HRSA); [accessed 2016 Jun 23].

Health Resources and Services Administration (HRSA). HAB HIV performance measures: oral health services. Rockville (MD): Health Resources and Services Administration (HRSA); 2009 Nov 23. 10 p.

Primary Health Components

Human immunodeficiency virus (HIV); oral health; periodontal screen or examination; oral evaluation

Denominator Description

Number of human immunodeficiency virus (HIV)-infected oral health patients that received a clinical oral evaluation at least once in the measurement year (see the related "Denominator Inclusions/Exclusions" field)

Numerator Description

Number of human immunodeficiency virus (HIV)-infected oral health patients who had a periodontal screen or examination at least once in the measurement year (see the related "Numerator Inclusions/Exclusions" field)

Evidence Supporting the Measure

Type of Evidence Supporting the Criterion of Quality for the Measure

A clinical practice guideline or other peer-reviewed synthesis of the clinical research evidence

Additional Information Supporting Need for the Measure

Unspecified

Extent of Measure Testing

Unspecified

State of Use of the Measure

State of Use

Current routine use

Current Use

not defined yet

Application of the Measure in its Current Use

Measurement Setting

Ambulatory/Office-based Care

Professionals Involved in Delivery of Health Services

not defined yet

Least Aggregated Level of Services Delivery Addressed

Individual Clinicians or Public Health Professionals

Statement of Acceptable Minimum Sample Size

Unspecified

Target Population Age

Age greater than or equal to 13 years

Target Population Gender

Either male or female

National Strategy for Quality Improvement in Health Care

National Quality Strategy Aim

Better Care

National Quality Strategy Priority

Health and Well-being of Communities

Prevention and Treatment of Leading Causes of Mortality

Institute of Medicine (IOM) National Health Care Quality Report Categories

IOM Care Need

Living with Illness

Staying Healthy

IOM Domain

Effectiveness

Data Collection for the Measure

Case Finding Period

The measurement year

Denominator Sampling Frame

Patients associated with provider

Denominator (Index) Event or Characteristic

Clinical Condition

Diagnostic Evaluation

Patient/Individual (Consumer) Characteristic

Denominator Time Window

not defined yet

Denominator Inclusions/Exclusions

Inclusions

Number of human immunodeficiency virus (HIV)-infected oral health patients that received a clinical oral evaluation at least once in the measurement year

Note:

Clinical oral evaluations include evaluation, diagnosis and treatment planning. Refer to the original measure documentation for pertinent American Dental Association (ADA) Current Dental Terminology (CDT) codes.
Refer to the original measure documentation for additional data elements.

Exclusions

Patients who had only an evaluation or treatment for a dental emergency in the measurement year.
Edentulist patients (complete).
Patients who were less than 13 years.

Note: Refer to the original measure documentation for ADA CDT codes for patient exclusions.

Exclusions/Exceptions

not defined yet

Numerator Inclusions/Exclusions

Inclusions

Number of human immunodeficiency virus (HIV)-infected oral health patients who had a periodontal screen or examination at least once in the measurement year

Note:

A Periodontal Screen should include the assessment of medical and dental histories, the quantity and quality of attached gingival; bleeding; tooth mobility; and radiological review of the status of the periodontium and dental implants. "Appropriate screening procedures may be performed to determine the need for a comprehensive periodontal evaluation."

A Comprehensive Periodontal Examination (refer to the original measure documentation for pertinent American Dental Association [ADA] Current Dental Terminology [CDT] codes) includes "the evaluation of periodontal conditions, probing and charting, evaluation and recording of the patient's dental and medical history and general health assessment. It may include the evaluation and recording of dental caries, missing or unerupted teeth, restorations, occlusal relationships and oral cancer evaluation." The screening or examination may be performed and documented by either a licensed dentist or, where state regulations allow, by a dental hygienist, but the interpretation of data and diagnosis must be made by a licensed dentist.

Exclusions

Unspecified

Numerator Search Strategy

Fixed time period or point in time

Data Source

Administrative clinical data

Electronic health/medical record

National public health data

Paper medical record

Type of Health State

Does not apply to this measure

Instruments Used and/or Associated with the Measure

Unspecified

Computation of the Measure

Measure Specifies Disaggregation

Does not apply to this measure

Scoring

Rate/Proportion

Interpretation of Score

Desired value is a higher score

Allowance for Patient or Population Factors

not defined yet

Standard of Comparison

not defined yet

Identifying Information

Original Title

Oral health services: periodontal screening or examination.

Measure Collection Name

HIV/AIDS Bureau (HAB) Performance Measures

Measure Set Name

Oral Health Services

Submitter

Health Resources and Services Administration - Federal Government Agency [U.S.]

Developer

Health Resources and Services Administration - Federal Government Agency [U.S.]

Funding Source(s)

Unspecified

Composition of the Group that Developed the Measure

Unspecified

Financial Disclosures/Other Potential Conflicts of Interest

Unspecified

Adaptation

This measure was not adapted from another source.

Date of Most Current Version in NQMC

2009 Nov

Measure Maintenance

Unspecified

Date of Next Anticipated Revision

Unspecified

Measure Status

This is the current release of the measure.

Measure Availability

Source available from the [Health Resources and Services Administration \(HRSA\) Web site](#)

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For more information, contact the HRSA HIV/AIDS Bureau (HAB) at 5600 Fishers Lane, Rockville, MD 20857; E-mail: HIVmeasures@hrsa.gov; Web site: www.hrsa.gov/index.html .

NQMC Status

This NQMC summary was completed by ECRI Institute on July 8, 2016.

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Production

Source(s)

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